

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** *Vendz Coffee Vending Machine Cleaning Liquid*
- **Application of the substance / the preparation** *Coffee equipment cleaner*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

Urnex Brands, Inc. 700 Executive Blvd. Elmsford, NY 10523 USA Phone: +1-914-963-2042 Fax: +1-914-963-2145 Email: info@urnex.com	Urnex Brands, Inc. 29 Harley Street, London, W1G 9QR United Kingdom Tel: +44 (0)20 7927 6881
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- **Information department:**
 Chemservice GmbH
 Von-Steuben-Straße 13
 D-67549 Worms, Germany
 Tel.: +49 6241-95480-0
 Fax: +49 6241-95480-25
 Email: sds@chemservice-group.com
- **Emergency telephone number:**
 Tel.: International: +1 (352) 323-3500

2 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*

- **Dangerous components:**

6834-92-0	disodium metasilicate	 H314;  H335	< 3%
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3 Hazards identification

- **Classification of the substance or mixture**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07

- **Signal word** *Warning*

- **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

- **Precautionary statements**

P264 Wash thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)

Trade name: Vendz Coffee Vending Machine Cleaning Liquid

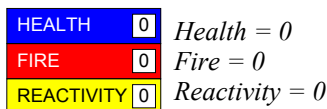
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- P362 *Take off contaminated clothing and wash before reuse.*
- P332+P313 *If skin irritation occurs: Get medical advice/attention.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P302+P352 *IF ON SKIN: Wash with plenty of soap and water.*

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



4 First aid measures

- **General information:** Take affected persons out of danger area and lay down.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** Carbon monoxide (CO)
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective clothing.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Contd. on page 3)



Trade name: Vendz Coffee Vending Machine Cleaning Liquid

See Section 13 for disposal information.

(Contd. of page 2)

7 Handling and storage

- Handling:
· Precautions for safe handling
· Information about protection against explosions and fires:
· Storage:
· Requirements to be met by storerooms and receptacles:
· Information about storage in one common storage facility:
· Further information about storage conditions:
· Specific end use(s)

8 Exposure controls/personal protection

- Components with limit values that require monitoring at the workplace:
· Personal protective equipment:
· General protective and hygienic measures:
· Breathing equipment:
· Protection of hands:
· Material of gloves
· Penetration time of glove material
· Eye protection:
· Body protection:

9 Physical and chemical properties

- General Information
· Appearance:
· Odor:
· pH-value (10 g/l) at 20°C (68 °F):
· Change in condition
· Flash point:
· Auto igniting:

(Contd. on page 4)



Trade name: Vendz Coffee Vending Machine Cleaning Liquid

(Contd. of page 3)

· Danger of explosion:	Product does not present an explosion hazard.
· Density:	Not determined.
· Solubility in / Miscibility with Water:	Soluble.
· Solvent content:	
Organic solvents:	0.0 %
Water:	93.2 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

· LD/LC50 values that are relevant for classification:
6834-92-0 disodium metasilicate
Oral LD50 1153 mg/kg (Rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

USA

(Contd. on page 5)



Trade name: Vendz Coffee Vending Machine Cleaning Liquid

(Contd. of page 4)

14 Transport information

Table with 2 columns: Field Name and Value. Fields include UN-Number, DOT, ADR, IMDG, IATA, UN proper shipping name, Transport hazard class(es), Packing group, Environmental hazards, Special precautions for user, etc.

15 Regulatory information

Table with 2 columns: Field Name and Value. Fields include Sara, Section 355, Section 313, TSCA, Proposition 65, Chemicals known to cause cancer, etc.

(Contd. on page 6)

**Material Safety Data Sheet**

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Trade name: Vendz Coffee Vending Machine Cleaning Liquid

(Contd. of page 5)

· NTP (National Toxicology Program)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS:

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Email: sds@chemservice-group.com**· Contact: sds@chemservice-group.com****· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent